

INTERNATIONAL SEARCH REPORT

International Application No

PCT/FR2004/002935

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 F16H3/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F16H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/199360 A1 (BIALLAS JEFFREY J) 23 October 2003 (2003-10-23) abstract paragraphs '0001!, '0005!, '0020! - '0033!	1,3-9,14
Y	figures 1,2	12,13
A	US 4 468 980 A (JOHANSEN ROY W) 4 September 1984 (1984-09-04) column 1, lines 38-66 column 2, lines 23-66 column 4, lines 9-32 figures 1,6	1-3,6,8, 9

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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- *&* document member of the same patent family

Date of the actual completion of the international search

12 April 2005

Date of mailing of the international search report

28/04/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2 981 126 A (KELLEY OLIVER K) 25 April 1961 (1961-04-25) column 1, line 33 - column 2, line 12 column 3, line 59 - column 4, line 57 column 16, lines 40-44 figures 1,2 -----	1-9
Y	US 5 735 376 A (KASUYA SATORU ET AL) 7 April 1998 (1998-04-07) figure 1 -----	12
Y	US 5 584 775 A (YOKOYAMA FUMITOMO ET AL) 17 December 1996 (1996-12-17) figure 2 -----	13

INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 2003199360	A1	23-10-2003	DE	10317144 A1	06-11-2003
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